SYNOPSIS

"BIBLIOMETRIC STUDY OF DOCTORAL DISSERTATIONS SUBMITTED TO VASANTRAO NAIK MARATHWADA KRISHI VIDYAPEETH, PARBHANI"

Research proposal submitted to

Swami Ramanand Teerth Marathwada University, Nanded

For the partial fulfilment of the requirements for the Degree of

DOCTOR OF PHILOSOPHY

In the subject of

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Under the faculty of

Inter-Disciplinary Studies

By

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"BIBLIOMETRIC STUDY OF DOCTORAL DISSERTATIONS SUBMITTED TO VASANTRAO NAIK MARATHWADA KRISHI VIDYAPEETH, PARBHANI"

1. INTRODUCTION

Bibliometric study is the study and measurement of publication patterns of different forms of literature on one or other subject. During the last few years, bibliometric and scientometric analysis has been increasingly used to evaluate the research performance of the scientists and the growth of various disciplines of subject. Hence, The bibliographic study is widely used for mapping of scientific research growth, authorship pattern, research collaboration, author's productivity, etc. in any discipline of knowledge.

Citation analysis is the analysis of the citation or bibliographical reference that is appended with the research communication. It studied citations in scholarly works to establish links to other works or other researchers by counting the citations appended at the end of each scientific article. The citations normally provide the bibliographic data about the used documents. Citation analysis is useful for understanding subject relationships, authorship pattern, impact factor, publication trends, and bring out useful information like relative use of different kinds of documents such as books, periodicals, e-resources, reports, Ph. D. thesis, conference proceedings, standards, patents etc. which can be better utilized for bibliometric studies in many respects. Citations analysis is one of the popular methods employed in recent years to identify the core references in a subject. With citation analysis one can evaluate and interpret citations received by articles, authors, institutions, and other indications of scientific activity. Thus it helps to identify the quality of the information sources.

Citation analysis is an indirect method to assess the information/sources used by various categories of users. Citation analysis is a worthwhile area of research and refers to references in one text to another text, with information on where that text can be found. Citation analysis is useful for understanding subject relationships, authorship pattern, impact, publication trends, and so on. With citation analysis one can evaluate and interpret citations received by articles, authors, institutions, and other indications of scientific activity. Citation analysis is a major area of bibliometric research, which uses various methods of citation analysis to establish relationships between authors or their work.

2. Review of Literature

Research is another word for gathering of information. Research has done in every subject discipline because of information exploration. Research is very vital to our everyday decision making. It from research wok is primary information and it is useful for the researchers in their research work. It saves time and money of the researchers. It is important to your success as you take on life's challenges and career decisions making.

Various studies have been carried out on citation analysis. For the present study the following studies have been reviewed in the light of the topic.

Zafrunnisha (2012) found that foreign journals were the most cited sources as compared to Indian journals. In authorship pattern collaborative authorship is high as compared to single authored papers.

Jadhav ,(2009) in their study reveals that books were most cited documents 1549 (29.39 %), and maximum number 3675 (62.61 %) of citations were from India. It was found that single authorship is dominant.

Kasyap, (1969) The survey method is one of the most effective and sensitive instrument of research, survey research can produce much needed knowledge

Deshmukh (2011) reveals that journals were the most cited form of literature. In authorship pattern single authored papers dominated over other type of authorship. Jan(2009) found that books received more citations as compared to journals, and female (52.34 %) contributed more than male (47.66 %).

Agricultural research have also played very vital role in creation of knowledge and new technologies, due to explosion of population agricultural lands are being converted into non agricultural lands. But the Twentieth century has been one of the most remarkable and significant periods in the history of man. One reason has been the tremendous growth and improved stability of food, production, especially since World War II. The most important development of the Twentieth century has been our increasing ability to produce larger harvests, thereby ensuring food stability and security for a constantly growing world population.

3. PROPOSED RESEARCH

Research in Agriculture is increasing day by day as compared to other subjects of discipline. For agricultural research so many citations are being considered by the researchers. Citations from Indian, foreign books, journals, and websites are taken into consideration. In order to know the citation pattern of the thesis in agriculture. Hence researcher selected this topic. By considering the research, the researchers in future will get

the idea and which will support them in completing their research work in Library and Information Science and other subject discipline also.

The importance of bibliometric can be judged from the fact that it is not merely a theoretical discipline as many think. It has practical applications in library management or in measuring the quality of journals. Extensive research and studies are however, needed in bibliometric, owing to its immense importance not only in library documentation and information centers, but also application in science policy research (Kabir, 1997).

Citation studies are to enable a reader to go to the referred document for more information on a point or check the authority of a particular view finding or method. Without citation research work cannot be done. Citation gives weightage to the research work done by the researchers. This research work will be helpful for the researchers in future for getting the knowledge of citation, citing author and cited documents. Citation is a part of bibliometric study and has got prime importance in doing research work. These facts have been considered by the researcher in selecting the research topic.

3.1 Statement of the Research Problem :

It is highly important to focus on user perspective of this change in order to develop an understanding about managing the digital library resources and services. An understanding of user experiences and expectations would enable the library professionals to address this problem more effectively. Hence, the research aims to examine the issues related to **"Bibliometric Study of Doctoral Dissertations submitted to Vasantrao Naik Marathwada Krishi Vidyapeeth, Parbhani"**

4. OPERATIONAL DEFINATIONS:

Bibliometric : Pritchard defines Bibliometric is "the application of mathematical and statistical method of books and other media of communication". (David, Nichols & Maureen Ritchie, 1975, p9)

Study: According to illustrated Oxford dictionary of English Language, (2007, p826) Study means, "the devotion of time and attention to acquiring information or knowledge, especially from books, the pursuit of academic knowledge (continued their studies abroad), a thing that is or deserve to be investigate or examine (a subject) (Bibliometric study)".

Doctoral: According to compact Oxford dictionary of English Language, (2012, p-291) Doctoral means, "the highest degree awarded by a university faculty".

Dissertations: According to compact Oxford dictionary of English Language, (2012,p-287) Dissertations means, "a long essay , especially one written for a university degree or diploma."

University (Vidyapeeth): According to compact Oxford dictionary of English Language, (2012, p-1135) University means, "a high level educational institution in which students study for degrees and academic research is carried out."

Here Vasantrao Naik Marathwada Krishi Vidyapeeth, Parbhani: Established in 1972, on Land grant pattern, Vasantrao Naik Marathwada Krishi Vidyapeeth, Parbhani formerly known as Marathwada Agricuitural University is one of the four agricultural Universities in state of Maharashtra. Except some industrialization around Aurangabad and Nanded, the entire region has rural setting. The objectives of the University are: Education in agriculture and Allied Science, undertaken research based on regional need and facilitate technology transfer etc.

4.1 Citation Analysis

Paul and Roy (1983) defined citation analysis as, "Citation analysis is one branch of bibliometrics where the unit of analysis is a document, that is a document, that is being cited as a bibliographic reference or as a foot note in a citing document".

4.2 Thesis

Sengupta (1991) defined thesis as, "A thesis is a statement of investigations of research presenting the authors findings and any conclusions reached, submitted by the author in support of his candidate for a Ph.D. degree in science".

5. AIMS & OBJECTIVES OF THE STUDY

The proposed study is aims at the followings:

1 To identify the major forms of literature used by researchers in the subject of agriculture submitted to the Vasantrao Naik Marathwada Krishi Vidyapeeth, Parbhani.

2 To find out form-wise distribution of the cited documents.

3 To know the chronological scattering of cited documents.

4 To find out the authorship pattern of cited documents.

5 To analyze the geographical distribution of cited sources by researchers.

6 To prepare a rank list of cited Authors.

7. To know the core list of cited Periodicals/Books and other information sources.

6. HYPOTHESES :

The following hypotheses are formulated in the proposed study:

1. Researchers used more citations from journal literature form for their investigations.

2. Rare Combination of author collaboration is seen between foreign authors and Indian authors.
3. Researchers in agricultural research mostly prefer foreign publications.
4. The researchers doesn't follow any style manual for citing citations in their investigations.

7. SCOPE & LIMITATION OF THE STUDY

The scope of the research work is limited to the Doctoral Dissertations (Ph.D. thesis) submitted to Vasantrao Naik Marathwada Krishi Vidyapeeth, Parbhani. The research work is limited to the Doctoral Dissertations submitted in the university library from 2010 to till now. Number of Doctoral Dissertations submitted by researchers are 9010 from the establishment of university library. It includes subjects like Agronomy, Animal Husbandry and Dairy Science, Agricultural Botany, Agricultural Chemistry &Soil Science, Agricultural Economics &Statistics, Entomology, Extension Education, Horticultural Garden Crops, Plant Pathology. Etc.

8. TECHNIQUES AND TOOLS

Descriptive Research Methodology is selected for research work.Along With surveying and analytical surveying techniques.

The present study used survey method to collect the data from Vasantrao Naik Marathwada Krishi Vidyapeeth, Parbhani to find out the prevailing situations. "The survey method is one of the most effective and sensitive instrument of research, survey research can produce much needed knowledge" (Kasyap, 1969).

The present study utilized a combination of historical analysis, literature review and observations for data collection. Historical analysis and literature review were useful in collecting textual data from published and unpublished sources. The observation tool is quite useful in soliciting information from the LIS Professionals. Hence, the data collected for this study was a combination of primary as well as secondary data. The survey was undertaken with the help of observations for the purpose of data collection. The rich & wide variety of quantitative data obtained had been checked & tabulated before processing & analysis were

carried out. Data handling, validation processing & analysis will be carried out with the help of computer. Statistical and Bibliometric test will be verified.

Collected data will be analyzed and presented in tabular as well as graphical form. In graphical form, bar charts, line graphs will be used for presentation.

CHAPTER WISE PLAN

CHAPTER 1 : INTRODUCTION

CHAPTER 2:A REVIEW OF LITERATURE

CHAPTER 3 :VASANTRAO NAIK KRISHI VIDYAPEETH PARBHANI

CHAPTER 4 : ANALYSIS AND INTERPRETATION OF DATA

CHAPTER 5: CONCLUSIONS AND IMPLICATIONS

Bibliography

Appendices

REFERENCES:

- Arrora K. (2008). University Library System, New Delhi: Regal Publication.
- Bhatt R. K. (2011). University Libraries in India in Digital Age. *DESIDOC Journal of Library & Information Technology*, 31(3): 159 – 167.
- Deshmukh, Prashant P. (2011). Citations in Annals of Library and Information Studies from 1997- 2010: A study Annals Lib. Inf. Studies, 58, 355-61.

- Gupt's Popular Master guide (2011) UGC-NET/SLET Library & Information science : pp 611.
- Hirwade, M.A. and Dankhade S.S. (2002). Citation analysis of doctoral research in economics. ILA Bulletin, 2002, 38, 36s-45.
- http://home.wlu.edu/~whaleyt/classes/DigiLib/Whaley/Definition.html
- Ishappa Bandi and Ramakrishnegowda K.C. (2015). Digital Library Environment in Maharashtra State Universities: A Study" international Journal of Digital Library Services 5(2), pp60-66.
- Jan, Rosy (2009). Citation analysis of Library Trends. Webology, 2009, 6(1). http://www.webology. org/2009/v6n1/a67.html. Accessed on 11th January, 2018.
- Kasyap, M. M. (1969). Planning of survey. *Library Herald*, 2 (1&2): 195-199.
- Lal C. & Kumar K (2007) Descriptive Questions in Library and information Science 3rd Revised Edition pp 504-508.
- Okiy, Rose B. (2003). A citation analysis of education dissertations at the Delta State University, Abraka, Nigeria. Collection Building, 22(4), 158-61.
- Sudhier Pillai, K.G. (2007). Journals citations in Physics doctoral dissertations of Indian Institute of Science. Annals Lib. Inf. Studies, 54(4), 177-84.
- The Free Dictionary, (2018). Librarian. http://www.thefreedictionary.com/librarian accessed on 16th January, 2018.
- University Grants Commission (2018). Model act for Universities. New Delhi
- Wikipedia (2018). Professional. http://en.wikipedia.org/wiki/Professional accessed on 15th May, 2018.
- Zafrinnisha, N. (2012). Citation analysis of PhD theses in psychology of selected Universities in Andhra Pradesh, India. Lib. Philosophy and Practice. http://unllib.unl.edu/LPP/. Accessed on 3rd January, 2018.

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